

Inventor(s): DAVID S. LAMPERT, RONALD A. ASHBY, ROBERT FERNEKES, JAMES MEEK, and JOHN JAUGILAS

Title: PARCELIZED GEOGRAPHIC DATA MEDIUM WITH INTERNAL SPATIAL INDICES AND METHOD AND SYSTEM  
FOR USE AND FORMATION THEREOF

DEC - 7 1998

## POWER OF ATTORNEY

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The specification of the above-identified patent application:

- is attached hereto  
 was filed on January 30, 1998 as application Serial No. 09/016,002.

I hereby revoke all previously granted powers of attorney in the above-identified patent application and appoint the following attorneys to prosecute said patent application and to transact all business in the Patent and Trademark Office connected therewith:

Frank J. Kozak (Reg. No. 32,908)  
 Lawrence M. Kaplan (Reg. No. 33,521)

Please change the correspondence address for the above-identified application and telephone calls to:

FRANK J. KOZAK  
 Chief Patent Counsel  
 Navigation Technologies Corporation  
 Suite 400  
 10400 West Higgins Road  
 Rosemont, Illinois 60018  
 847-795-7000 x7371

Navigation Technologies Corporation, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- An assignment from the inventor(s) of the patent application identified above, a copy of which is attached hereto.  
 OR
- An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel       , frame       .  
 OR
- A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_.  
 The document was recorded in the Patent and Trademark Office at  
 Reel       , frame       , or a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_.  
 The document was recorded in the Patent and Trademark Office at  
 Reel       , frame       , or a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned has reviewed the assignment or all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature

Name:

RONALD A. BRUMBACK

Title:

PRESIDENT AND CHIEF OPERATING OFFICER

Rev. Oct. 98  
Document 21

Date: November 24, 1998

TRANSMITTAL LETTER			Case No. 7117-89
Serial No. 09/016,002	Filing Date January 30, 1998	Examiner	Group Art Unit 3614
Inventor(s) LAMPERT et al.			
Title of Invention <del>PARCELED</del> GEOGRAPHIC DATA MEDIUM WITH INTERNAL SPATIAL INDICES AND METHOD AND SYSTEM FOR USE AND FORMATION THEREOF			

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**

Transmitted herewith is POWER OF ATTORNEY.

- Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.

A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.

Petition for a \_\_\_\_\_ month extension of time.

No additional fee is required.

Please charge Deposit Account No. 50-0728 (NAVIGATION TECHNOLOGIES CORPORATION) in the amount of \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.

The Assistant Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 50-0728. A duplicate copy of this sheet is enclosed.

I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 50-0728. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**Frank J. Kozak  
Registration No. 32,908  
Attorney for Applicant**

**NAVIGATION TECHNOLOGIES CORPORATION**  
Suite 400  
10400 W. Higgins Road  
Rosemont, Illinois 60018

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this date: December 3, 1998.

**Frank J. Kozak (Reg. No. 32,908)**

Signature: Frank J. Kogel  
Date: Dec. 1, 2008

**ASSIGNMENT**

WHEREAS, David S. Lampert, Richard A. Ashby, Robert Fernekes, James A. Meek and John Jaugilas, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Parcelized Geographic Data Medium with Internal Spatial Indices and Method and System for Use and Formation Thereof, for a full description of which reference is here made to an application for Letters Patent of the United States filed on January 30, 1998, and assigned Application Serial No. 09/016,002;

WHEREAS, Navigation Technologies Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at Rosemont, Illinois, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

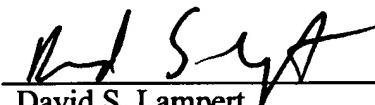
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

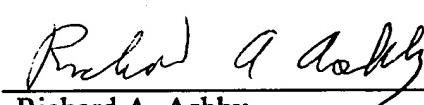
The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

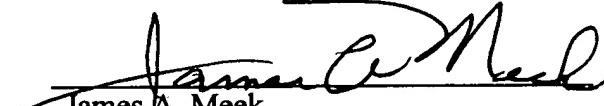
The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: 5/11/98   
\_\_\_\_\_  
David S. Lampert

DATED: 5/5/98   
\_\_\_\_\_  
Richard A. Ashby

DATED 5/6/98   
\_\_\_\_\_  
Robert Fernekes

DATED 5/5/98   
\_\_\_\_\_  
James A. Meek

DATED 5/5/98   
\_\_\_\_\_  
John Jaugilas

STATE OF Illinois )  
COUNTY OF COOK )  
                      )  
                      ) ss.  
                      )

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that David S. Lampert, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
11<sup>th</sup> day of May, 1998.

(SEAL)



Lisa Becker  
Notary Public

My Commission Expires: 03/12/02

STATE OF Illinois )  
COUNTY OF COOK )  
                      )  
                      ) ss.  
                      )

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that Richard A. Ashby, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
5<sup>th</sup> day of May, 1998.

(SEAL)



Lisa Becker  
Notary Public

STATE OF Illinois )  
                      )  
                      ) ss.  
COUNTY OF Cook )

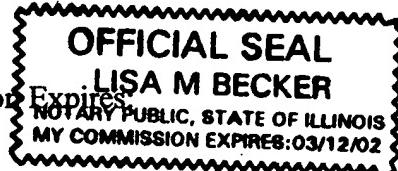
I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that Robert Fernekes, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
6<sup>th</sup> day of May, 1998.

  
\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:



STATE OF Illinois )  
                      )  
                      ) ss.  
COUNTY OF Cook )

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that James A. Meek, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
5<sup>th</sup> day of May, 1998.

  
\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:



STATE OF Illinois )  
                      )  
                      ) ss.  
COUNTY OF COOK   )

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that John Jaugilas, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  
5<sup>th</sup> day of May, 1998.

  
\_\_\_\_\_  
Notary Public

(SEAL)

